

Approved for use through 07/31/2006. OMB 0661-0002
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM
(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission **377**

ENCLOSURES (Check all that apply)

☒ Fee Transmittal Form
☐ Fee Attached
☐ Amendment/Reply
☐ After Final
☐ Affidavits/Declaration(s)
☐ Extension of Time Request
☐ Express Abandonment Request
☒ Information Disclosure Statement
☐ Certified Copy of Priority Document(s)
☐ Response to Missing Parts/Incomplete Application
☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

☐ Drawing(s)
☐ Licensing-related Papers
☐ Petition
☐ Petition to Convert to a Provisional Application
☐ Power of Attorney, Revocation
☐ Change of Correspondence Address
☐ Terminal Disclaimer
☐ Request for Refund
☐ CD, Number of CD(s)

After Allowance communication to Technology Center (TC)
Appeal Communication to Board of Appeals and Interferences
Appeal Communication to TC (Appeal Notice, enter, reply brief)
Proprietary Information
Status Letter
Other Enclosure(s) (please identify below):

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name: Robert L. Harrington, Reg. No. 20,094
Schwabe Williamson & Wyatt
Signature: *Robert L. Harrington*
Date: August 6, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage, as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name: Sally Houk
Signature: *Sally Houk*
Date: Aug. 11, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including preparing, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED
CENTRAL FAX CENTER

AUG 11 2004

OFFICIAL

Approved for use through 07/31/2006. OMB 0661-0002
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004
Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)-0-

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:
Deposit Account Number: 500393
Deposit Account Name: Schwabe Williamson Wyatt

☐ The Director is authorized to file (check all that apply)
☐ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Change any additional fee(s) or any underpayment of fee(s)
☐ Change fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

| Large Entity Code | Small Entity Code | Fee Description | Fee Paid |
|-------------------|-------------------|------------------------|----------|
| 1001 | 770 | Utility filing fee | |
| 1002 | 340 | Design filing fee | |
| 1003 | 530 | Plant filing fee | |
| 1004 | 770 | Release filing fee | |
| 1005 | 150 | Provisional filing fee | |
| SUBTOTAL (1) | | (\$)-0- | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Large Entity Code | Small Entity Code | Fee Description | Fee Paid |
|-------------------|-------------------|---|----------|
| 1202 | 15 | Claims in excess of 20 | |
| 1201 | 80 | Independent claims in excess of 3 | |
| 1203 | 290 | Multiple dependent claim, if not paid | |
| 1204 | 65 | Release independent claims over original patent | |
| 1205 | 15 | Release claims in excess of 20 over original patent | |
| SUBTOTAL (2) | | (\$)-0- | |

3. ADDITIONAL FEES

| Large Entity Code | Small Entity Code | Fee Description | Fee Paid |
|-----------------------------------|-------------------|---|----------|
| 1051 | 130 | Burden - late filing fee or oath | |
| 1052 | 50 | Burden - late provisional filing fee or cover sheet | |
| 1053 | 150 | Non-English specification | |
| 1812 | 2,020 | For filing a request for ex parte reexamination | |
| 1804 | 920 | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840 | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | Extension for reply within first month | |
| 1252 | 420 | Extension for reply within second month | |
| 1253 | 650 | Extension for reply within third month | |
| 1254 | 1,400 | Extension for reply within fourth month | |
| 1255 | 2,010 | Extension for reply within fifth month | |
| 1401 | 500 | Notice of Appeal | |
| 1402 | 530 | Filing a brief in support of an appeal | |
| 1403 | 290 | Request for oral hearing | |
| 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | Petition to revive - unavoidable | |
| 1453 | 1,330 | Petition to revive - unintentional | |
| 1501 | 1,330 | Utility issue fee (or release) | |
| 1502 | 450 | Design issue fee | |
| 1503 | 840 | Plant issue fee | |
| 1400 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | Processing fee under 37 CFR 1.17(c) | |
| 1808 | 180 | Submission of information Disclosure Stmt | |
| 9021 | 40 | Recording each patent assignment form property (times number of properties) | |
| 1809 | 770 | Filing a petition after final rejection (37 CFR 1.120(e)) | |
| 1810 | 770 | For each additional invention to be examined (37 CFR 1.120(e)) | |
| 1801 | 770 | Request for Continued Examination (RCE) | |
| 1802 | 900 | Request for expedited examination of a design application | |
| Other fee (specify): | | | |
| *Reduced by Basic Filing Fee Paid | | | |
| SUBTOTAL (3) | | (\$)-0- | |

SUBMITTED BY
Name (mm/yyyy): Robert L. Harrington
Signature: *Robert L. Harrington*
Registration No. (2004-2004): 20,094
Telephone: 603 796 3742
Date: Aug. 6, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2036.

This collection of information is required by 37 CFR 1.5 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Attorney Docket No. 108682-133291

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
CENTRAL FAX CENTER

AUG 11 2004

In re Application for:

RAYMOND B. BUSHNELL

Application No.: 10/706,507

Filed: November 11, 2003

For: VAPOR FUELED ENGINE

Examiner: Not Yet Assigned

Art Group: Not Yet Assigned

Confirmation No. Not Yet Assigned

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on August 11, 2004.

Typed or Printed: Sally Houk

Signature: *S Houk* Date: 8-11-04

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. § 1.97(g), the submission of this Information Disclosure Statement (IDS) is not to be construed as a representation that a search has been made, and, pursuant to 37 C.F.R. § 1.97(h), the submission of this IDS is not to be construed as an admission that the information cited in this IDS is material to patentability.

This IDS is being submitted under one or more of the following sections of 37

C.F.R. § 1.97 (as indicated by an "X" to the left of the appropriate paragraph(s)):

X 37 C.F.R. § 1.97(b). Filed:

- (1) Within three months of a National Application other than a CPA;
- (2) Within three months of entry into National Stage;
- (3) Before mailing of a first Office Action on the merits; or
- (4) Before mailing of a first Office Action after filing an RCE.

37 C.F.R. § 1.97(c). Filed before the mailing of a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution.

And, ONE of the following:

(1) One statement from 37 C.F.R. § 1.97(e);

_____ (e)(1) The person signing below certifies that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or

_____ (e)(2) The person signing below certifies that no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 1.56(c) more than three months prior to filing this IDS.

OR

(2) The fee set forth in 37 C.F.R. § 1.17(p).

_____ A check in the amount of \$180.00 is enclosed.

37 C.F.R. § 1.97(d). Filed on or before payment of the issue fee.

And, BOTH of the following:

(1) one statement from 37 C.F.R. § 1.97(e);

_____ (e)(1) The person signing below certifies that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or

_____ (e)(2) The person signing below certifies that no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 1.56(c) more than three months prior to filing this IDS.

AND

(2) The fee set forth in 37 C.F.R. § 1.17(p).

_____ A check in the amount of \$180.00 is enclosed.

Accompanying this IDS is a list of references and a copy of each reference listed therein, EXCEPT copies of references waived under:

(A) one or more of the following sections of 37 C.F.R. § 1.98 (as indicated by an "X" to the left of the appropriate paragraph(s)):

_____ 37 C.F.R. § 1.98(c) as being cumulative (marked with an "*" on the Form PTO-1449).

_____ 37 C.F.R. § 1.98(d) as being previously submitted in parent application
_____/_____, to which the present application claims priority under 35
U.S.C. § 120.

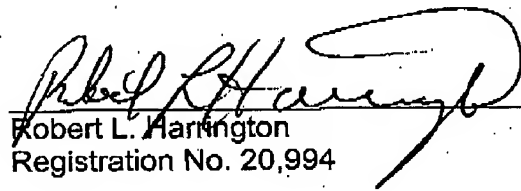
(B) 1273 Off. Gaz. Pat. Office 55 as being submitted with respect to an application filed after June 30, 2003.

The Commissioner is hereby authorized to charge shortages or credit overpayments to Deposit Account No. 500393. A Fee Transmittal is enclosed in duplicate for fee processing purposes.

Respectfully submitted,

SCHWABE, WILLIAMSON & WYATT, P.C.

Dated: August 6, 2004


Robert L. Harrington
Registration No. 20,994

Pacwest Center, Suites 1600-1900
1211 SW Fifth Avenue
Portland, Oregon 97204
Telephone: 503-222-9981

PTO/SB/DBA (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

Complete If Known

| | |
|------------------------|------------------|
| Application Number | 10/706,507 |
| Filing Date | 11/11/2003 |
| First Named Inventor | Raymond Bushnell |
| Art Unit | Not yet known |
| Examiner Name | Not yet known |
| Attorney Docket Number | 108682-133291 |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | | US- 3442632 | 05/06/1969 | Bertrand L. Mayland | |
| | | US- 3468641 | 09/23/1969 | Hans Werner Gross | |
| | | US- 3471274 | 10/07/1969 | Richard E. Quigley | |
| | | US- 3572297 | 03/23/1971 | R.G. Murray | |
| | | US- 3799124 | 03/26/1974 | Michael R. Swain | |
| | | US- 3897757 | 08/05/1975 | Lawrence Abello | |
| | | US- 3963000 | 06/15/1976 | Katsuaki Kosaka | |
| | | US- 3995421 | 12/07/1976 | Sajio Kuroiwa | |
| | | US- 3995600 | 12/07/1976 | John J. DeLuca | |
| | | US- 4016837 | 04/12/1977 | Fred Wentworth, Jr. | |
| | | US- 4079703 | 03/21/1978 | Kimitaka Yamane | |
| | | US- 4086878 | 05/02/1978 | Erwin Eisele | |
| | | US- 4112875 | 09/12/1978 | James C. Fletcher | |
| | | US- 4141326 | 02/27/1979 | William G. Wolber | |
| | | US- 4181100 | 01/01/1980 | Kimitaka Yamane | |
| | | US- 4193755 | 03/18/1980 | V. Guarnaschelli | |
| | | US- 4274383 | 06/23/1981 | Jerry W. Adams | |
| | | US- 4367700 | 01/22/1983 | James L. Pace | |
| | | US- 4370970 | 02/01/1983 | Paul Kunz | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ³ |
|-----------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| | | Country Code ² Number ⁴ Kind Code ⁵ (if known) | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | |
|--|--------------------------|------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | Complete if Known | |
| | Application Number | 10/706,507 |
| | Filing Date | 11/11/2003 |
| | First Named Inventor | Raymond Bushnell |
| | Art Unit | Not yet known |
| | Examiner Name | Not yet known |
| Attorney Docket Number | 108682-133291 | |

Sheet 2 of 4

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | US- 4385615 | 05/31/1983 | Robert Keane | |
| | | US- 4389981 | 06/28/1983 | Stanley Meyer | |
| | | US- 4458634 | 07/10/1984 | Edwin R. Carr | |
| | | US- 4508064 | 04/02/1985 | Kenji Watanabe | |
| | | US- 4622924 | 11/18/1986 | William N. Lewis | |
| | | US- 4953514 | 09/04/1990 | Bernd Beicht | |
| | | US- 4955351 | 09/11/1990 | Alfred Lewis | |
| | | US- 5085176 | 02/04/1992 | Wm. J. Brinkley III | |
| | | US- 5088452 | 02/18/1992 | Takashi Iwaki | |
| | | US- 5092281 | 03/03/1992 | Takashi Iwaki | |
| | | US- 5115768 | 05/26/1992 | Walter Peschka | |
| | | US- 5119768 | 06/09/1992 | Carl Russell | |
| | | US- 5140966 | 08/25/1992 | Men L. Wong | |
| | | US- 5178118 | 01/12/1993 | Yoshiro Nakamats | |
| | | US- 5183011 | 02/02/1993 | Isao Fujii | |
| | | US- 5226400 | 07/13/1993 | Desmond A. Birch | |
| | | US- 5282497 | 02/01/1994 | Allen Allison | |
| | | US- 5293857 | 03/15/1994 | Stanley Meyer | |
| | | US- 5359968 | 11/01/1994 | Noriaki Shiraishi | |

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind's Codes or USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3 of 4

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/706,507 |
| Filing Date | 11/11/2003 |
| First Named Inventor | Raymond Bushnell |
| Art Unit | Not yet known |
| Examiner Name | Not yet known |
| Attorney Docket Number | 108682-133291 |

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | US- 5363828 | 11/15/1994 | Osao Yamashita | |
| | | US- 5398663 | 03/21/1995 | Arumadura Kulasinghe | |
| | | US- 5438961 | 08/08/1995 | Walter Peschka | |
| | | US- 5462021 | 10/31/1995 | Takanori Minami | |
| | | US- 5648952 | 08/27/1996 | Theodore Stock | |
| | | US- 5603290 | 02/18/1997 | Michael Swain | |
| | | US- 5743080 | 04/28/1998 | J. Lyell Ginter | |
| | | US- 5752157 | 05/12/1998 | Takeshi Yamashita | |
| | | US- 5785538 | 06/16/1998 | Erwin Krimmer | |
| | | US- 5816223 | 10/06/1998 | James Richard Jamrog | |
| | | US- 5832718 | 11/10/1998 | Friedemann Suttrop | |
| | | US- 5890472 | 04/06/1999 | Chitoshi Saito | |
| | | US- 5899188 | 05/04/1999 | Joseph Firey | |
| | | US- 5934260 | 08/10/1999 | Kishor Gadkaree | |
| | | US- 5944003 | 08/31/1999 | Akinori Osanai | |
| | | US- 5946916 | 09/07/1999 | Livien Ven | |
| | | US- 5979418 | 11/09/1999 | Masayuki Saruwatari | |
| | | US- 6003312 | 12/21/1999 | Ralph C. Schlichtig | |
| | | US- 6015133 | 01/18/2000 | Daniel L. DeLand | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁵ |
| | | Country Code ² -Number ³ -Kind Code ⁴ (if known) | MM-DD-YYYY | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2005: OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4

of 4

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/706,507 |
| Filing Date | 11/11/2003 |
| First Named Inventor | Raymond Bushnell |
| Art Unit | Not yet known |
| Examiner Name | Not yet known |
| Attorney Docket Number | 108682-133291 |

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| | | US- 6044831 | 04/04/2000 | Naoya Takagi | |
| | | US- 6053153 | 04/25/2000 | Winfried Moser | |
| | | US- 6067966 | 05/30/2000 | Chitoshi Saito | |
| | | US- 6076355 | 06/20/2000 | Llven D. Ven | |
| | | US- 6095121 | 08/01/2000 | Akinori Osanal | |
| | | US- 6116221 | 09/12/2000 | Mikio Matsumoto | |
| | | US- 6119651 | 09/19/2000 | Herman Anderson | |
| | | US- 6138644 | 10/31/2000 | Masayuki Saruwatan | |
| | | US- 6138655 | 10/31/2000 | James Michael Kerns | |
| | | US- 6155239 | 12/05/2000 | Franklyn D. Dykstra | |
| | | US- 6681749 | 01/27/2004 | Raymond B. Bushnell | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. *Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

